

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 February 2001 (08.02.2001)

PCT

(10) International Publication Number
WO 01/08893 A1

(51) International Patent Classification⁷: **B41M 1/40**,
B65D 51/24, 39/00, B41F 17/22, B41M 3/00

(21) International Application Number: PCT/BG00/00018

(22) International Filing Date: 25 July 2000 (25.07.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
103618 29 July 1999 (29.07.1999) BG

(71) Applicant (for all designated States except US): CORTEC
OOD [BG/BG]; d.Dupnitsa, v.Bistritza (BG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): STANIMIROV,
Ivailo Emilov [BG/BG]; d.Dupnitsa, v.Bistritza (BG).
GESHEV, Zdravko Asenov [BG/BG]; 47 Bigla Str.,
Ant.B. Ap.11, Sofia (BG).

(74) Agent: BENATOV, Emil Gabriel; Bl.36b, Liuliakova
gradina Str., 1113 Sofia (BG).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

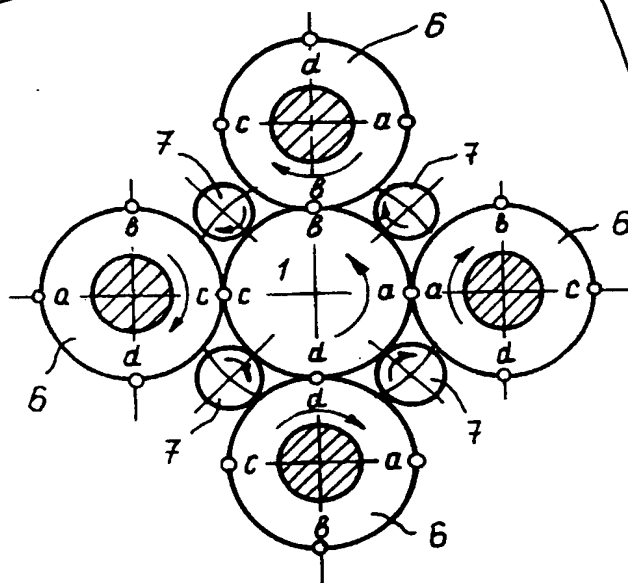
(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW) , Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM) , Euro-
pean patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE) . OAPI patent (BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD,
TG).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: POLYCHROMATIC PRINTED CORKS AND METHOD FOR MAKING THE SAME



(57) Abstract: The cork, the method and the machine for polychromatic image printing on corks and the ink cartridge for the machine are applicable in the manufacture of corks and in polygraphy. The cork has a high quality polychromatic image and is industrially made. The method and the machine provide a high quality printing. The ink cartridge has a high quality ink supply. A colour separation is previously made, which allows by using various basic colours i where $i = 2$ to n to obtain a polychromatic image. The corks are delivered to an operating zone, and the corresponding inks according to the number of the basic colours are conducted to printing rollers (6) in a regular coat. Corks (1) are successively supplied one after the other vertically in the operating zone by gravitation.

200250 26545001

WO 01/08893 A1